

ANNEXURE VOL-3.7

SPECIFICATIONS FOR HT TEST TERMINAL BLOCK

3 phase 4 wire Test Terminal Block suitable for 3 phase 4 wire 50 Hz with neutral point at 440v and 10 Amp. Class of power supply and insulated for 1100v as per relevant Indian Standard manufactured from high grade resin content bakelite material along with 2 mm thick MS Sheet cover minimum 25mm overhung on both entry and exit having minimum 3 mm hole for sealing on diagonally placed 6 mm dia bolts suitable for connecting 2.5 or 4mm² Cu. Either stranded or solid PVC insulated cable from either two current transformers or three current transformers and 440 volt line potential in 3 phase 4 wire system along with neutral terminals having front of Board connection type (i.e. L&G type) Test terminal block should have following quality.

- 1) All terminators shall be heavy duty to sustain against fault current up to 20x1c amps. and manufactured either from brass or from copper metals.
- 2) Potential links shall be manufactured from minimum 16 gauge brass sheet and fixing screws must be minimum 6 mm diameter to secure proper contract.
- 3) Current shorting screws shall be minimum 8 mm dia with proper threading to ensure proper contact. Minimum clearance of 5 mm between adjoining screw heads of each current guide terminator shall be maintained.
- 4) All brass screws terminators (guides) and brass links shall be nickel plated to ensure corrosion resistance.
- 5) Superior quality of bakelite powder in heavy duty electrical insulation grade shall be used in molding the bakelite blocks

Sign & Round Seal of the Bidder	Date and place	(Page 1 of 1)
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